

# Village of Burr Ridge Traffic Study

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# Response Rate

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- 261 total surveys were distributed
  - 195 surveys were sent to Chasemoor residents
  - 66 surveys were sent to 72<sup>nd</sup> Street/Pleasantdale area residents
  
- 171 surveys were returned
  - 134 surveys were returned by Chasemoor residents
  - 37 surveys were returned by 72<sup>nd</sup> Street/Pleasantdale area residents

# The Science of Surveys

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- Survey data is subject to a variety of statistical tests
- One test can determine how representative the data is of the entire sample population
- What does it mean to be representative?
  - We can say with 95% confidence that had every potential respondent returned a survey, we would have achieved (statistically) the same results

# Is This Data Representative?

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- We can say with 95% confidence that had all the residents in Chasemoor returned a survey, we would have the same results.
- We cannot say the same for residents of the 72<sup>nd</sup> Street/Pleasantdale area.
  - A minimum of 56 surveys were needed to achieve representative results but only 37 were returned
  - This data represents the respondents only

# Speed vs. Volume

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## ■ Chasemoor

- 59% of respondents indicated that the speed of traffic is worse than the volume of traffic
- 37% of respondents indicated that the volume of traffic is worse
- 4% did not answer the question

## ■ 72<sup>nd</sup> Street/Pleasantdale

- 51% of respondents indicated that the speed of traffic is worse than the volume of traffic
- 43% of respondents indicated that the volume of traffic is worse
- 5% did not answer the question

# The Speed of Traffic

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## ■ Chasemoor

- 83% of respondents indicated that the speed of traffic has increased over the last three years
- 13% said the speed has remained the same
- 2% said the speed has decreased

## ■ 72<sup>nd</sup> Street/Pleasantdale

- 81% of respondents indicated that the speed of traffic has increased over the last three years
- 11% said the speed has remained the same
- 0% said the speed has decreased

# The Speed of Traffic

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- Residents were asked to select which speed reducing traffic measure they would like to see installed in their area

	Chasemoor	72 <sup>nd</sup> /Pleasantdale
Speed Tables/Bumps	35%	49%
No Speed Tables/Bumps	65%	51%
Lane Width Reductions	15%	11%
No Lane Width Reductions	85%	89%

# The Volume of Traffic

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## ■ Chasemoor

- 87% of respondents indicated that the volume of traffic has increased over the last three years
- 11% said the volume has remained the same
- 1% said the volume has decreased
- 1% did not respond

## ■ 72<sup>nd</sup> Street/Pleasantdale

- 95% of respondents indicated that the volume of traffic has increased over the last three years
- 3% said the volume has remained the same
- 3% said the volume has decreased
- 0% did not respond



# The Volume of Traffic

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- Residents were asked to select which volume reducing traffic measure they would like to see installed in their area

	Chasemoor	72 <sup>nd</sup> /Pleasantdale
Signage	61%	68%
No Signage	39%	32%
Gates	40%	41%
No Gates	60%	59%
Cul-de-sacs	13%	30%
No Cul-de-sacs	87%	70%

# Volume Control Measures

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- After respondents selected the volume control measure(s) they would prefer, they were asked to indicate when they would like signs and/or gates to be applicable
- Most respondents did not answer this question

# Volume Control Measures

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- Of the respondents that did answer this question and selected signs...
  - 24% of Chasemoor residents prefer signs to be applicable at all times, while 22% prefer them during morning and evening rush hours only
  - 32% of 72<sup>nd</sup> Street/Pleasantdale respondents prefer signs to be applicable during morning and evening rush hours only, while 22% prefer them at all times

# Volume Control Measures

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- Of the respondents that did answer this question and selected gates...
  - 16% of Chasemoor residents prefer gates to be closed at all times, while 10% prefer them closed during morning and evening rush hours only
  - 24% of 72<sup>nd</sup> Street/Pleasantdale respondents prefer gates to be closed during morning and evening rush hours only, while 8% prefer them closed at all times

# Observations

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- Although there were respondents who indicated that neither the speed nor volume of traffic currently warranted attention, a majority of respondents believe it does.
- Some respondents believe that by eliminating cut-through traffic from the Corporate Park we will automatically reduce the speed of traffic through the areas in question.

# Observations

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- Comments seem to indicate that the solution should interrupt/interfere with residents' daily lives as little as possible
- Comments also indicate that a greater police presence is needed to enforce speed control measures already in place

# Questions?

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Thank you for participating!